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KOCHETKOV, N.K.; KHORLIN, A.Ya.; BOCHKOV, A.F.

Monosaccharide orthoesters as glycosidation agents. Isv. AN SSSR. Ser. khim. no.12:2234 D '63. (MIRA 17:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

KOCHETKOV, M.K.; BUDOVSKIY, E.I.; TURCHINSKIY, M.F.; DEMUSHKIN, V.P.

Primary structure of RKA. Specific splitting of ribonucleic acid. Dokl. AN SSSR 152 no.4:1005-1008 0 '63. (MIRA 16

- Institut khimii prirodnykh soyedineniy AM SSSR.
 Chlen-korrespondent AM SSSR (for Kochetkov).

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TO DESCRIPTION OF THE PROPERTY OF THE PROPERTY

HOLODISOV, N.V.; KCCHETKOV, N.K.; DEREVITSKAYA, V.A.

Olycopeptides. Part 6: Further development of the synthesis of M-aminoacyl derivatives of amino sugars. Inv. AM SSSR, Ser. khim. no.12:2165-2172 D '63. (MIRA 17:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

KOCHETKOV, N.K.; CHIZHOV, O.S.

New appreach to the identification of methylated monosaccharides. Isv. AN SSSR. Ser. khim. no.11:2069-2070 N 163. (MIRA 17:1)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

KOCHETKOV, N.K.; BUDOVSKIY, E.I.; SIMUKOVA, N.A.

Primary structure of RMA. Interaction of RMA with o-methylhydroxylamine. Dokl. AM SSSR 153 no.31597-600 M 163. (MIRA 17:1)

1. Laboratoriya uglevodov i nukleotidov Instituta khimii prirodnykh soyedineniy AN SSSR. 2. Chlen-korrespondent AN SSSR (for Kochetkov).

DEREVITSKAYA, V.A.; ZHAROV, V.G.; KOCHETKOV, N.K.

Structure of group substances of blood. Proteolysis of the A group substance. Dokl. AN SSSR 153 no.2:342-345 N '63. (MIRA 16:12)

1. Institut khimii prirodnykh soyedineniy AN SSSR. 2. Chlen-korrespondent AN SSSR (for Kochetkov).

KOCHETKOV, N. K.; IMITRITEV, B. A.

Honosaccharides. Report No. 7: New synthetic path to higher sugars. Inv AN SSR Ser Rhim no. 4: (69-677 Ap '64. (MIRA 17:5))

1. Institut khimii prirodnykh soyedineniy AN SSSR.

THE PROPERTY OF THE PROPERTY OF CASCAL STATES OF THE PROPERTY OF THE PROPERTY

KOCHETKOV, N.K.; KHORLIN, A.YA.; OVODOV, Yu.S.

Triterpenic saponime. Report No.7: Monosaccharide composition and size of the carbohydrate moiety of gypsoside. Isv.AN SECR. Ser.khim. no.1:83-89 Ja '64.

Triterpenic saponins. Report No.8: Some data on the structure of the carbohydrate moiety of gypsoside. Ibid.:90-99 (MIRA 17:4)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

DEREVITSKAYA, V.A.; LIKHOSHERSTOV, L.H.; KOCHETKOV, N.K.

Olycopeptides. Report No.7: Hydroxylaminolysis of o-aminoscyl derivatives of glucose. Izv. AN SSSR. Ser.khim. no.3:469-475 Mr. 164. (MIRA 17:4)

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1. Institut khimii prirodnykh soyedineniy AN SSSR.

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KOCHETKOV, N.K.; USOV, A.I.

Monosagcharides. Report No.6: New path toward the formation of decay sugars. Inv. AN SSSR. Ser.khim. no.3:475-482 Mr 164. (MIRA 17:4)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510014-8"

DEREVITSKAYA, V. A.; MOLODISOV, N. V.; KOCHETKOV, N. K.

Olycopeptides. Report No. 8: Synthesis of N-galacturo.coyletwine. 1sv AN SSSR Ser Khim no. 4:677-680 Ap 164. (MIRA 17:5)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

DELEVITSKAYA, V. A.; KIKOT', O. S.; KOCHETKOV, N. K.

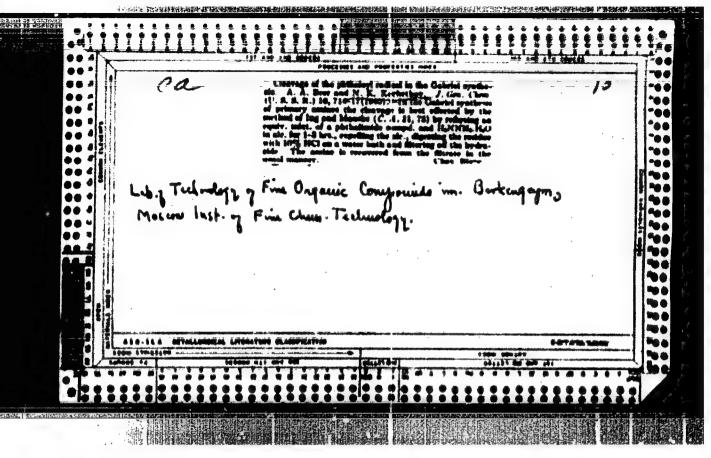
Hethylation of the blood group substance A. Isv AN SSSP.
Ser Khim no. 4:761-763 Ap '64. (MIRA 17:5)

1. Institut khimii prirodnykh soyedineniy AM SSSR.

- 1. LURIYE, S. I., KULESHOVA, M. G., KOCHETKOV, N. K.
- 2. USSR (600)

"H-Derivatives of Imidasol (Glioxaline). I.*, Zhur. Obshch, Khim., 9, No. 21, 1939. Lab. of the Tech. of Fine Organic Compounds imeni Professor Berkengeym, Moscow Inst. of Fine Chem. Tech. Received 1 Jun 1939.

9. Report U-1626, 11 Jan 1952



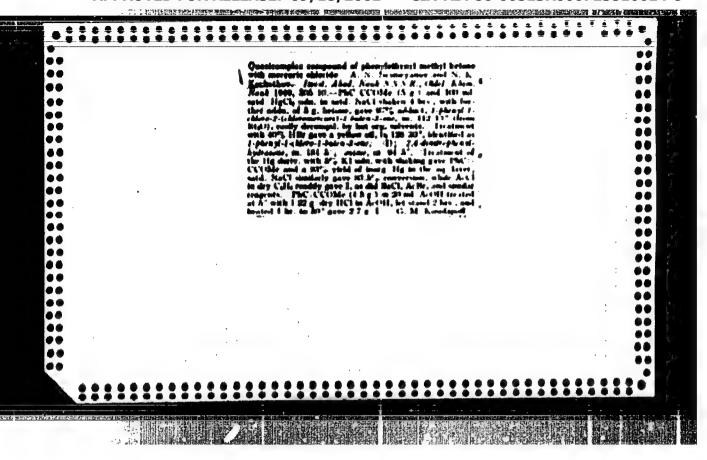
KOCHETKCY, M. K.

"Mercury Orgaino Compunds. IXXIX. Reaction of 2-Chlorovinyl Compounds of Mercury with Bases."

Is. Ak. Nauk SSSR, Otdel Khim. Nauk, 3, 1917.

"APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723510014-8



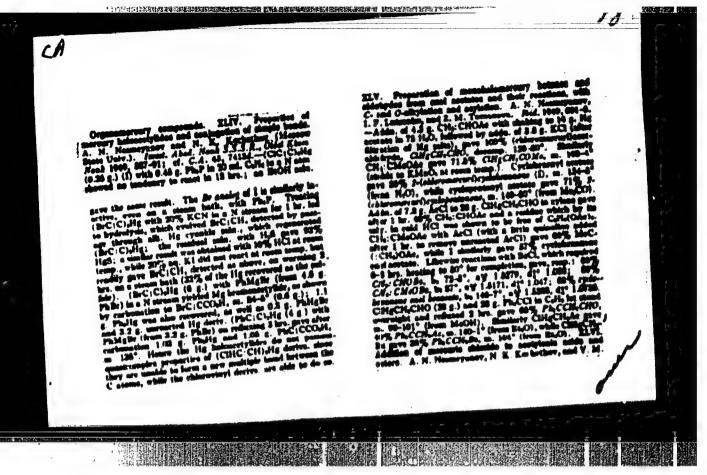
。 《大学》:"我们,我们是是一个人,我们的一个人,我们们的一个人,我们们们的一个人,我们们们的一个人,我们们们们的一个人,我们们们们们们的一个人,我们们们们们们们

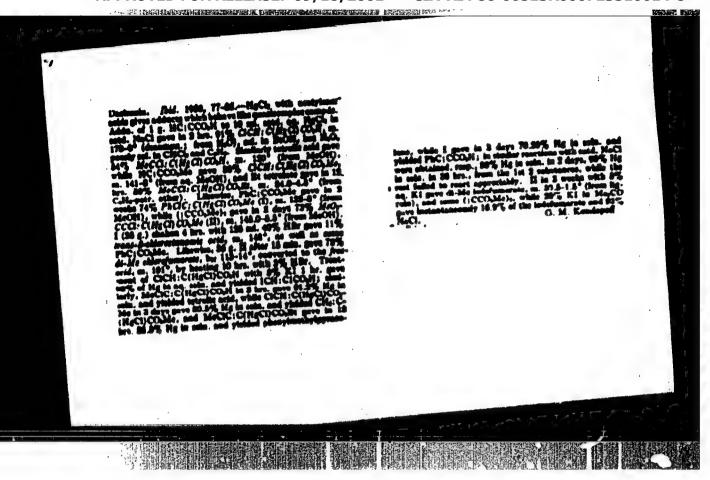
KOCHETKOV, N. K., MBR., Inst. Organic Chem., Dept. Chem. Sci., Acad. Sci., -1948-.

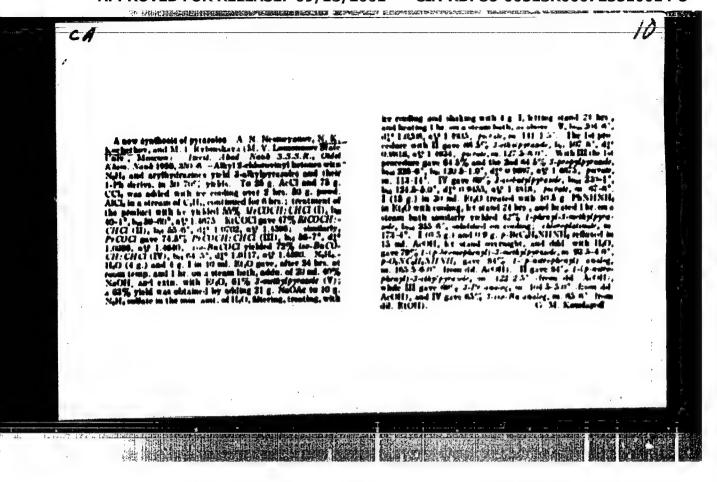
"Kercury Organic Companies. XLIII. Quasi-Complex Combination of Phenylethinyl Methylgetone and Corrosive Sublimate."

Is. Ak. Hauk SSSR, Otdel Khim. Hauk, 3, 1949;

Moscow Urder Lenin State Univ. imeni M. V. Lomonosov, -1948-.







HESPIEYANOV, A.N., KOCHETKOV. N.K.

Mercury Haloacetylides

Properties of mercury haloacetylides. Uch. sap. Mosk. un. no. 132, 1950.

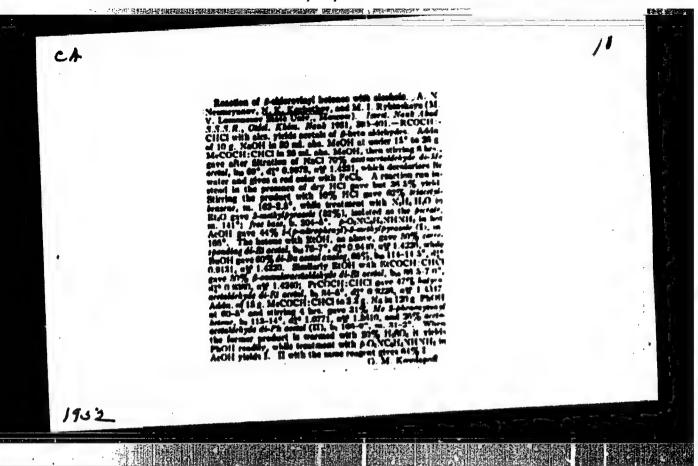
9. Monthly List of Russian Accessions, Library of Congress, October 1957, Uncl.

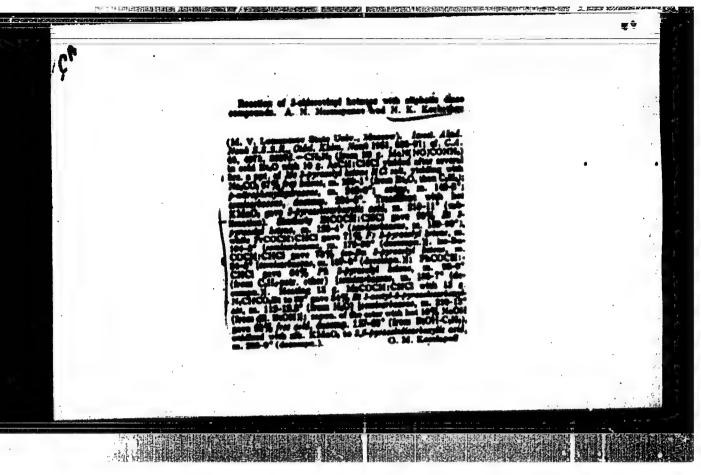
HESMEYANOV, N.K., KOCHETKOV, N.K.

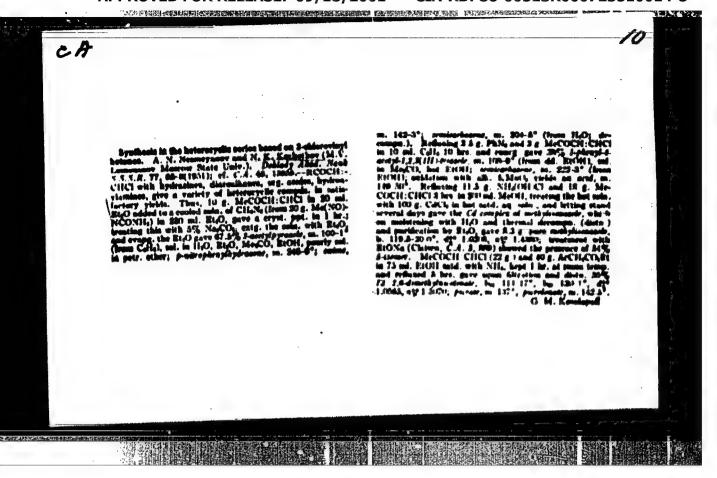
Mercuric Chloride

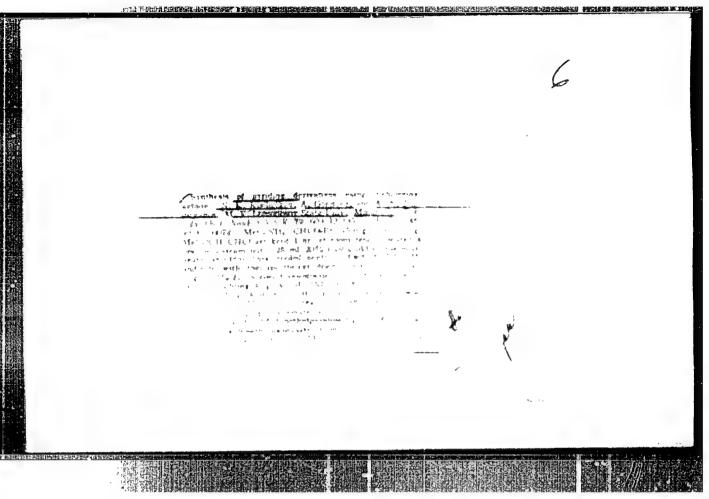
Addition of mercuric chloride to acetylenic acids and esters. Uch. zap. Mosk. un. no. 132, 1950.

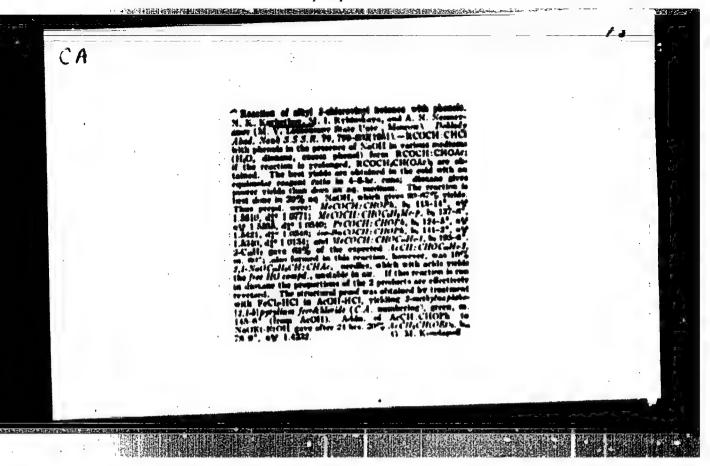
9. Monthly List of Russian Accessions, Library of Congress, October 1958, Uncl.

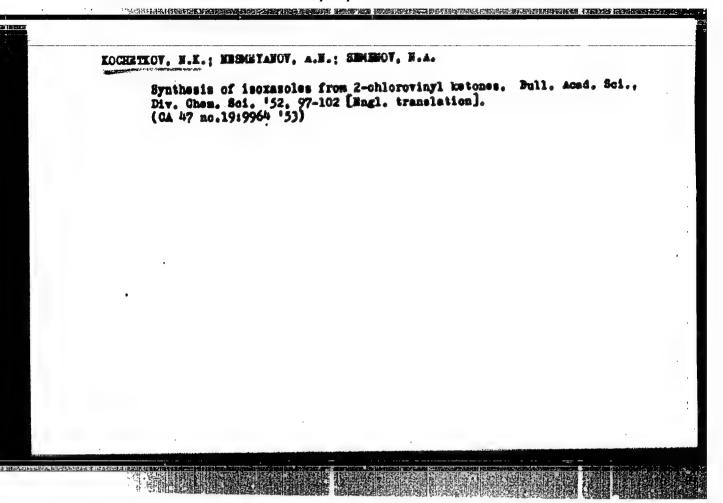








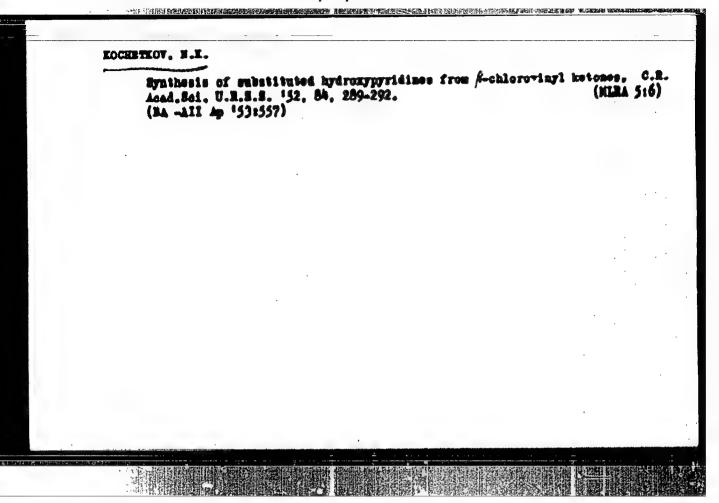


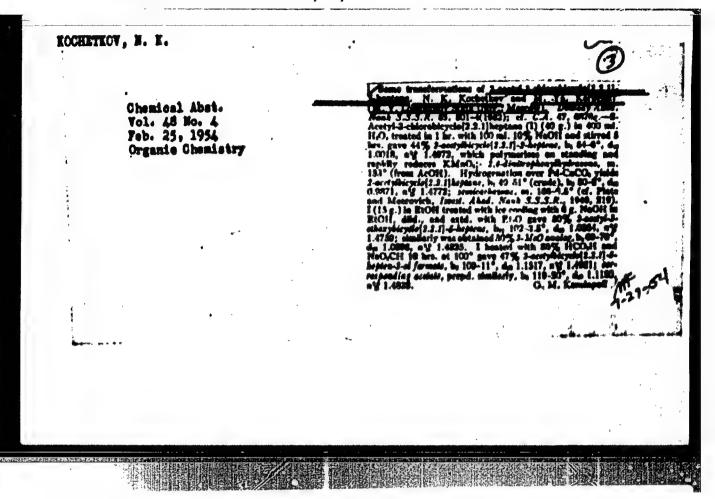


MESKEYANOV, A.M.; KOCHITKOV, M.K.; KARPETSKIY, M. Ya.; ALEKSANDROVA, G.V.

Diene synthesis with 2-chlorovinyl ketones. Condensation with cyclopentadiene. Doklady Akad. Fank 5.5.8.8.82, 409-12 '52. (NLRA 5:3) (OA 47 no.14:6876 '53)

1. N.V. Lomonosov State Univ., Moscov.





KOCHSTKOV, W.K.; ALEKSANDBOVA, G.V.

Diene synthesis with 2-chlorovinyl ketones. Condensation with aliphatic dienes. Doklady Akad. Mank S.S.S.R. 85, 1033-6 '52. (CA 47 no.15:7449 '53) (NLRA 5:9)

1. M.Y. Lomonosov State Univ., Moscow.

KOCHETKOV H. K.

USSR/Chemistry - Bismuth

Aug 52

"The Charging Effect," L. M. Kul'berd, I. S. Mustafin and N. K. Kochetkov, Saratov State U imeni N. G. Chernyshevskiy

"Dan SSSR" Vol 85, No 6, pp 1285-1288

The limits of applicability of the charging effect in studying the sensitivity of detection of Bi and Sb with the aid of nitrogen conta heterocyclic compds and their N-alkylates was studied. The sensitivity of such reagents under stable conditions depends on the chem nature of the charging group and its position in the mol as well as the mol wt. Presented by Acad A. N. Nesmeyanov 21 June 52

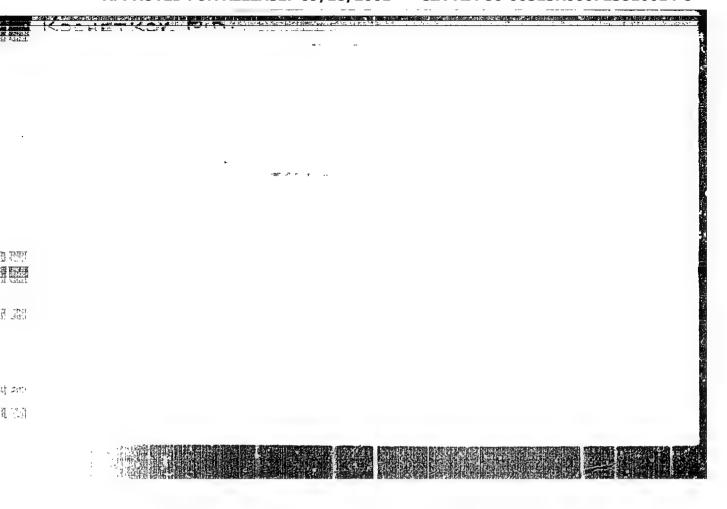
(CA 47 No.17: 8576 '53)

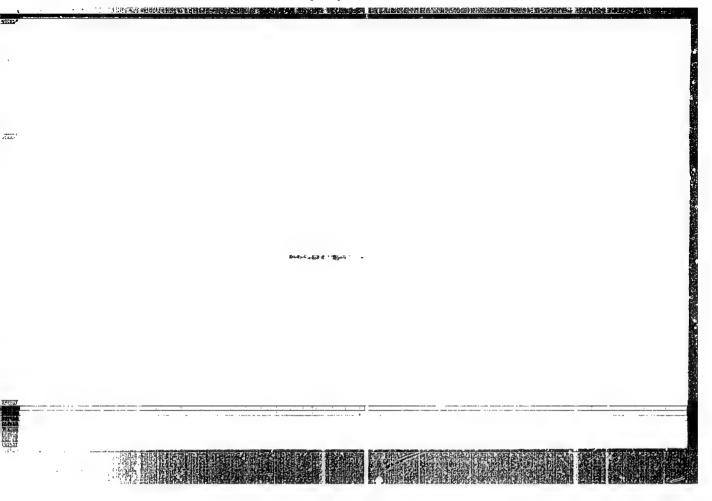
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ELIMEFIELD, Robert Cooley, 1904-; YUN'YEV, Yu.K., professor [redaktor] LUTERENCO, 1.F.; HEUTOV, O.A.; HUGHEFROV, M.K. [redaktore].

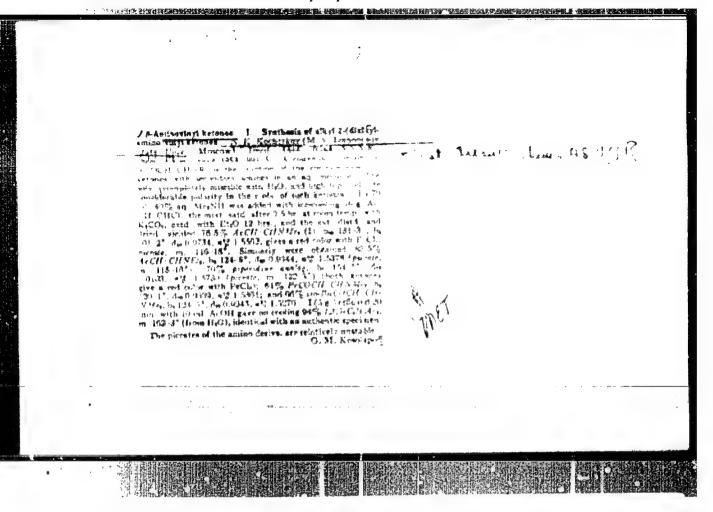
[Heterocyclic compounds] Geteretsiklicheskie soedineniis. Perevod s angliiskoge I.F.Entsenko, O.A.Reutova, E.K.Ecchetkova, pod red. IV.K.IVr'eva. Moskva, Izd-ve inostrannei lit-ry, 1953- (Heterocyclic compounds)

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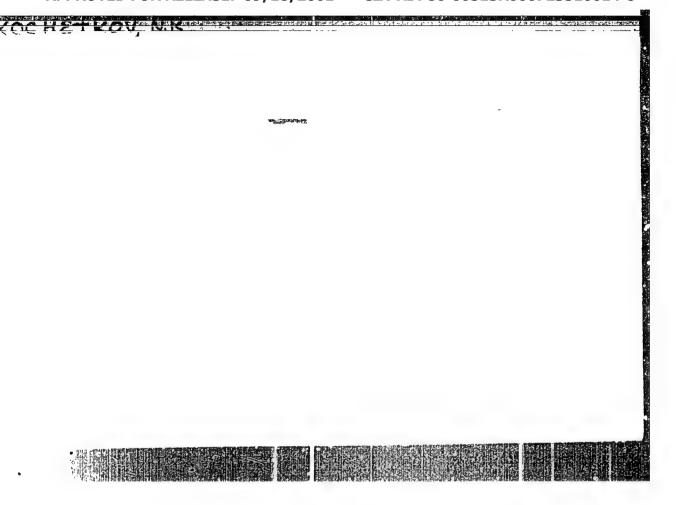
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MESICETAHOV, A.H.; KOUHEFKOV, M.K.; RYBINSKATA, M.I.

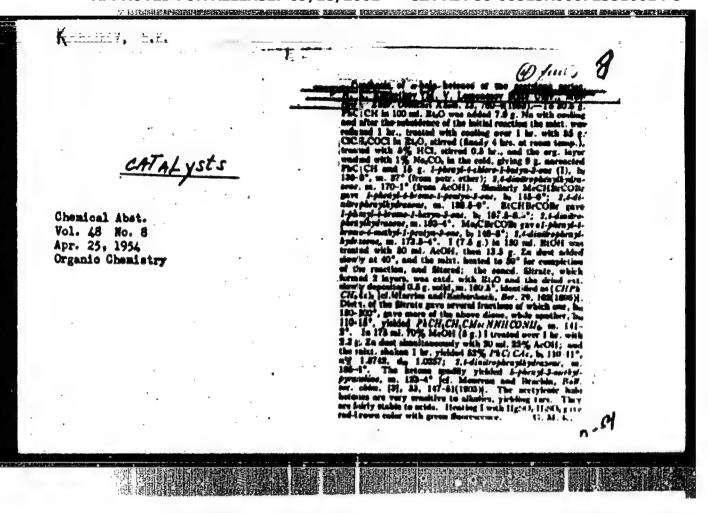
Synthesis of 2-alkyl naphto- and 2-alkyl bensopyrylium salts on the basis of \$\beta\$-chlorovinyl ketones. Isv. AN ESER Otd. khim. nauk no. 3:479-463 My-Je '53. (KLRA 6:8)

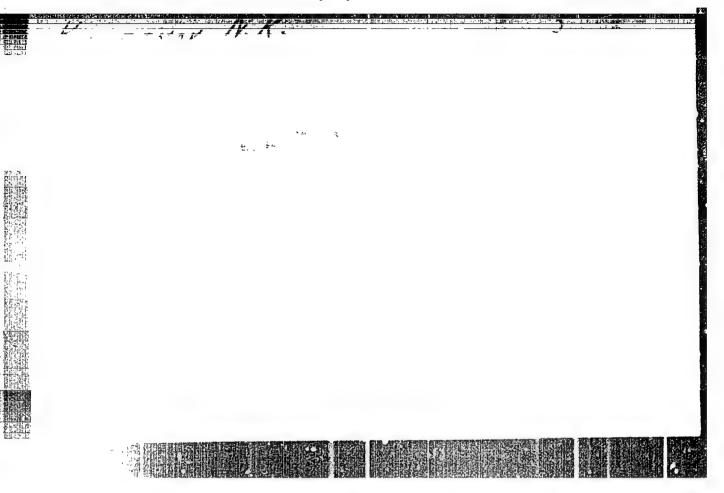
1. Moskovskiy gosudarstvennyy universitet ineni M.V.Lomonosova.
(Bensopyrylium compounds)

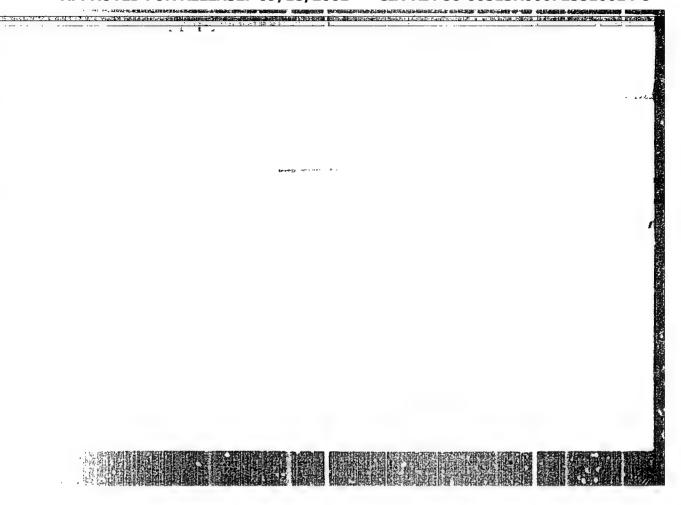


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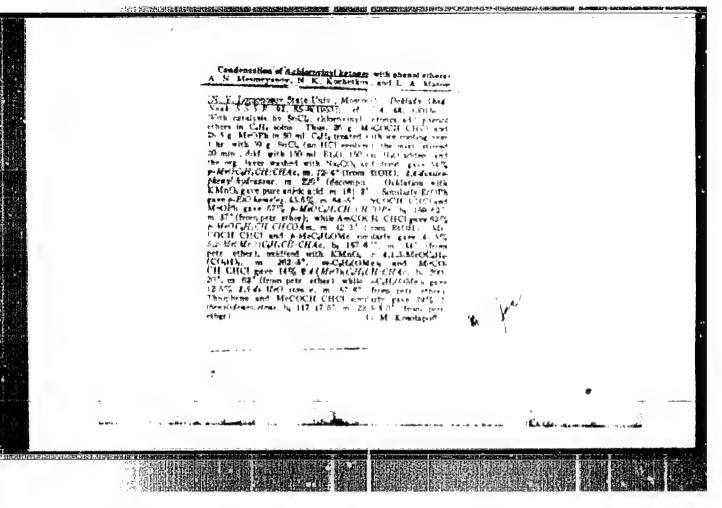


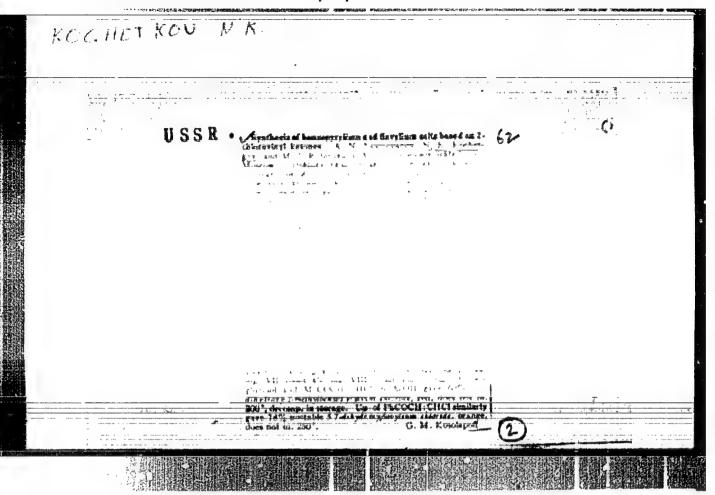


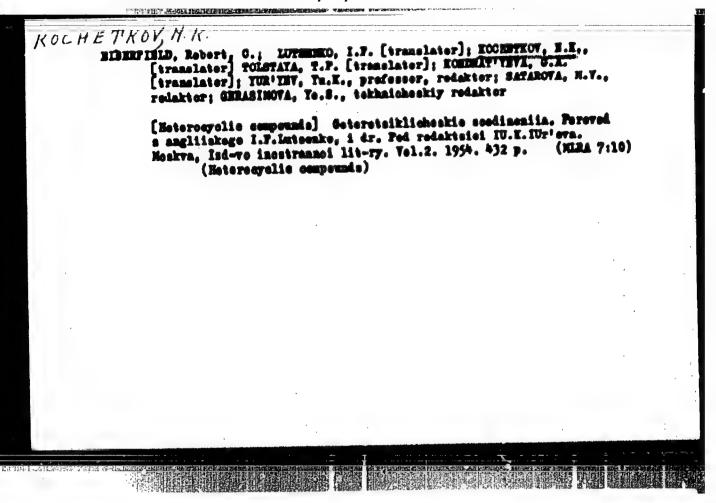


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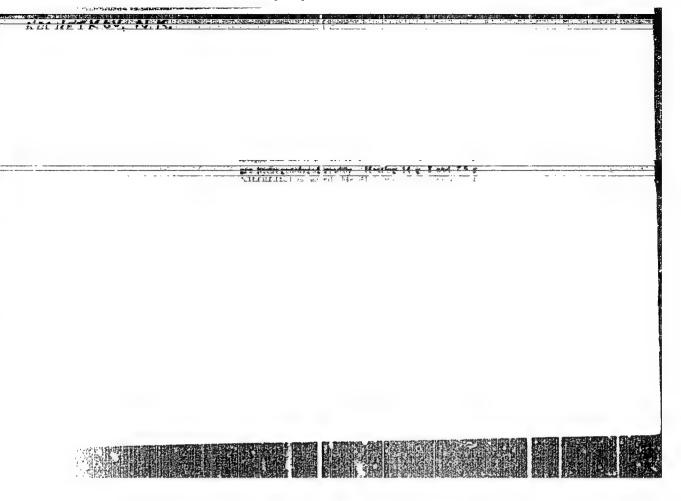


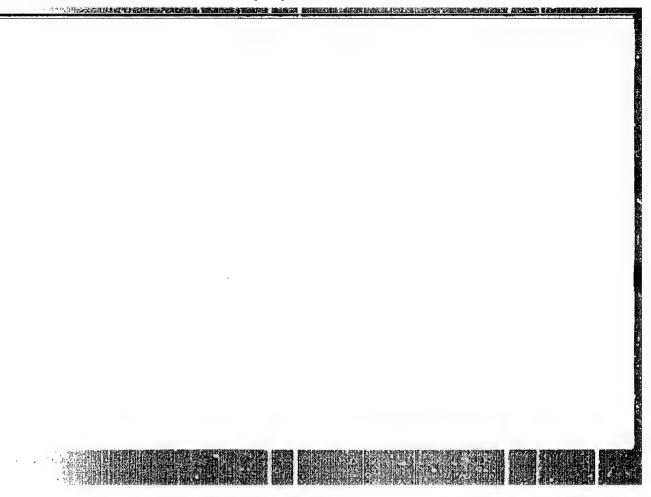


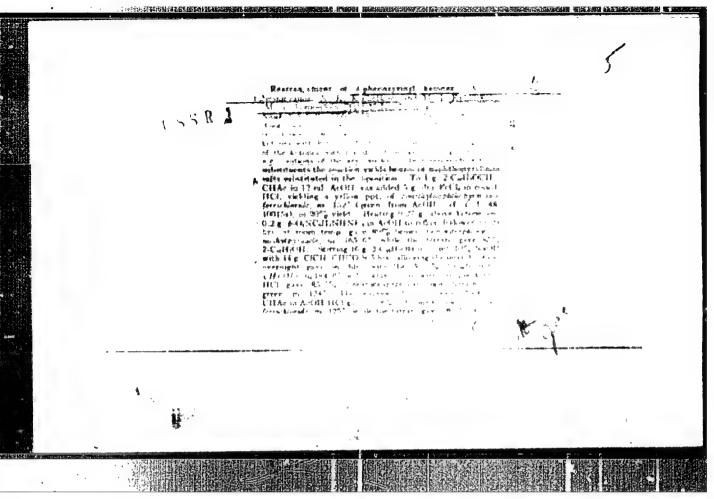


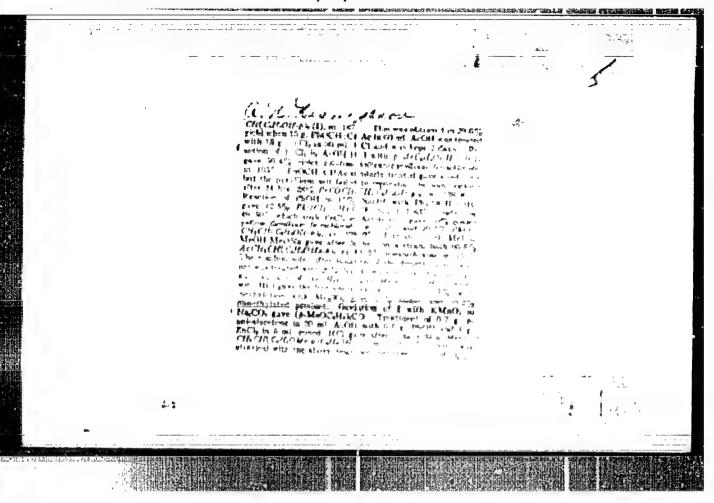
MIDENTIED, R.; ECCHOTTOV, N.K.[translator]; LUTERHEO, I.F.[translator];
ECCHORATITEVA, U.YA.[translator]; TUR'YEV, Tu.K., professor, redaktor;
SHABAROV, Yu.S., redaktor; GERASIMOVA, Te.S., tekhnicheskiy redaktor

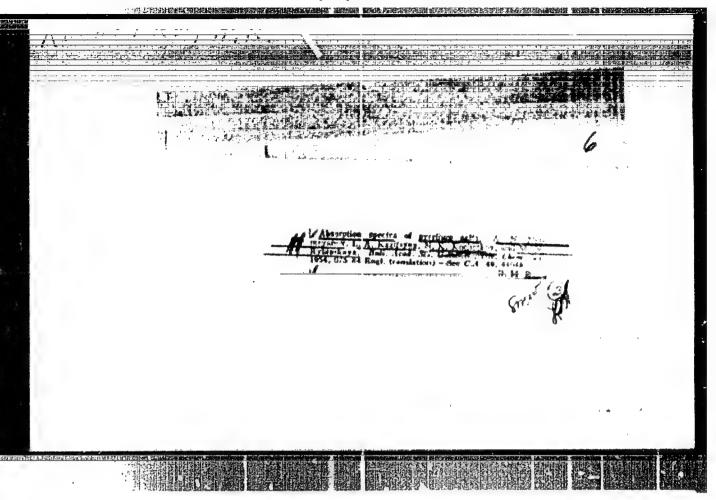
[Heterocoyolic compounds. Translated from the English] Opteroteiklicheekis scedineniis. Pod red. R.El'derfilds. Perevod s angliskogo
H.K.Kochetkova, I.F.Lutsenko, G.IA.Komirat'evoi. Pod red. IU.K.
IUr'eva. Moskva, Isd-ve incetrannoi lit-ry. Vol.3. 1954. 357 p.
(Heterocyclic compounds)
(MIRA 8:4)

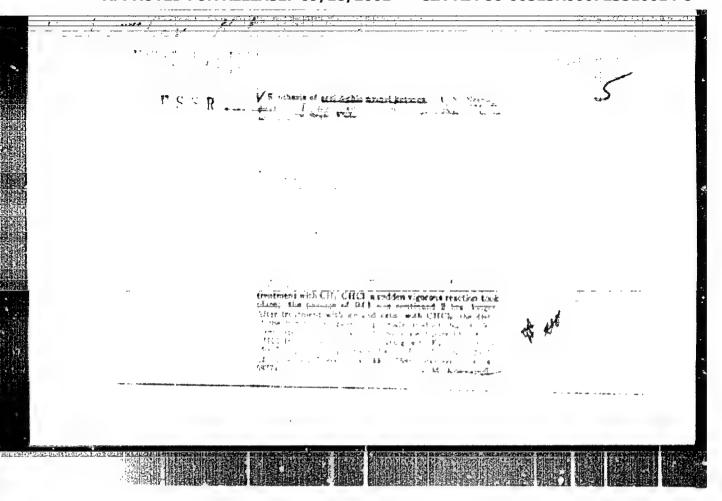


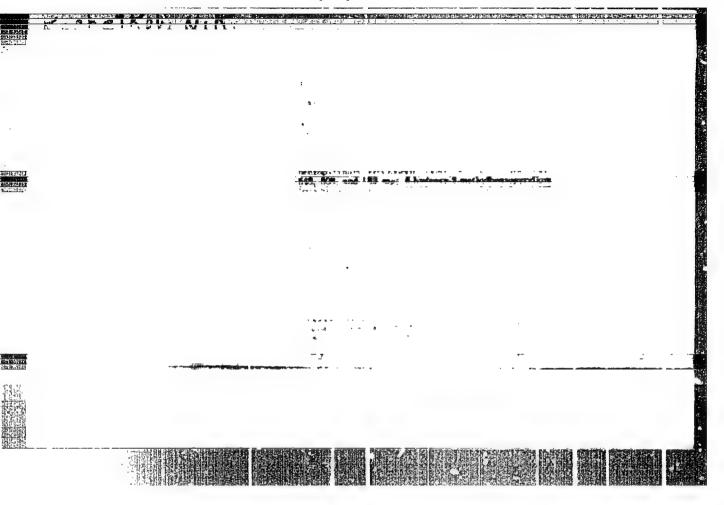


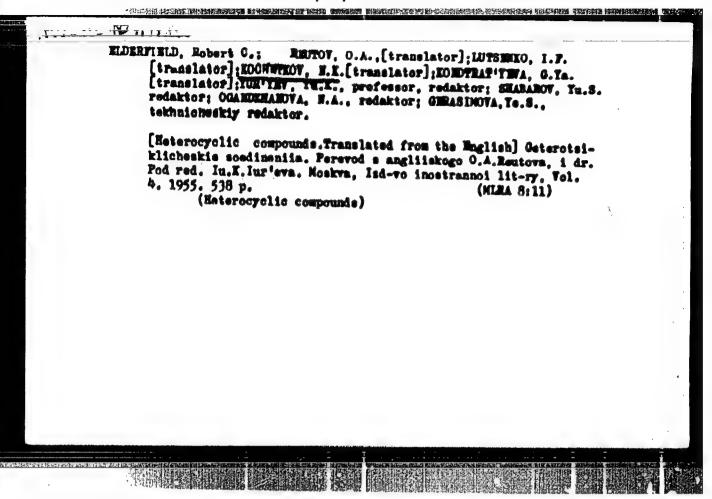






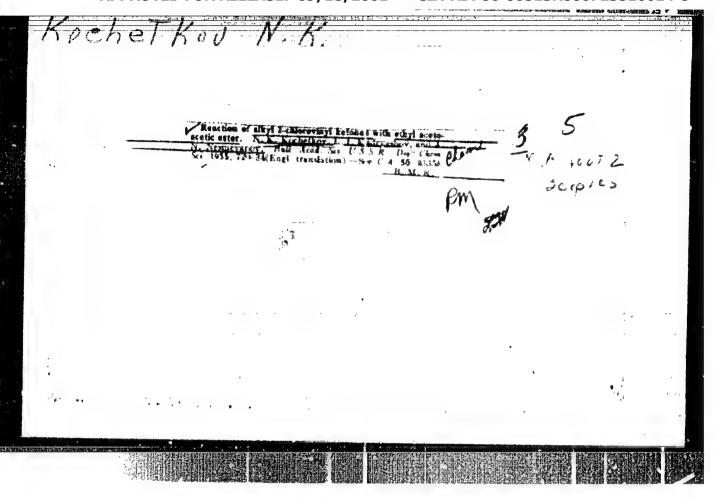




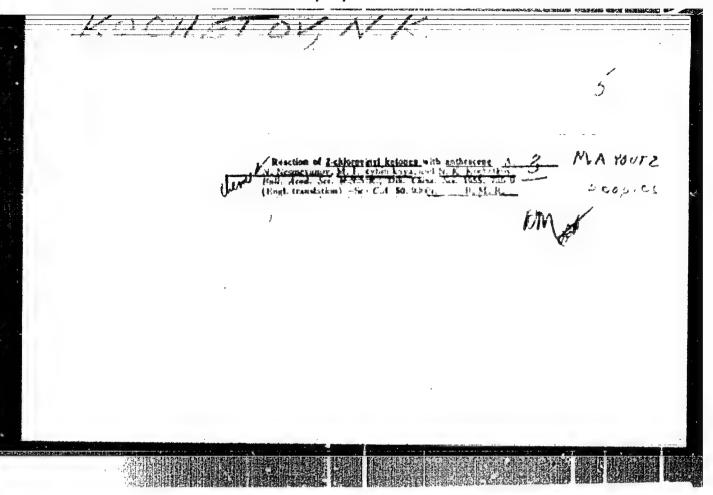


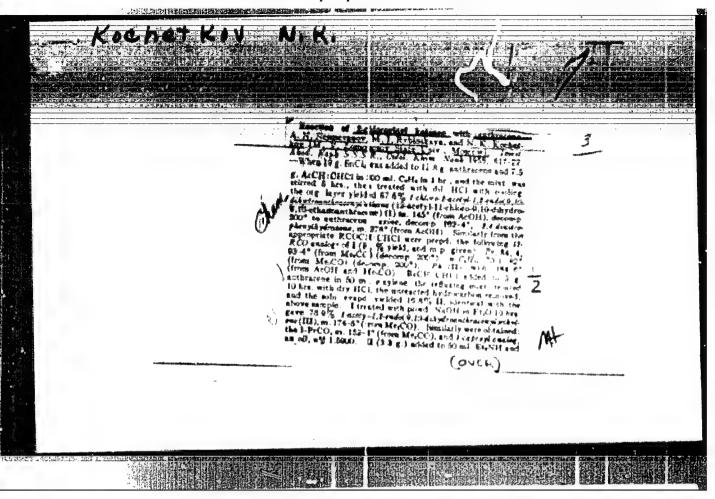
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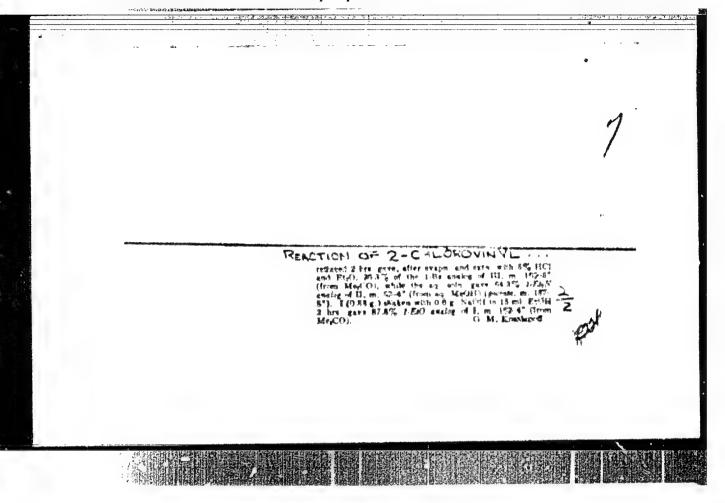
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Kochet Kor, N.K. USSR/ Chemistry - Synthesis Card 1/1 Pub. 40 - 23/27 Authors Nesmeyanov, A. N.; Kochetkov, N. K.; and Dombrovskiy, Ya. V. Beta-eminovinyl ketones. Part 3. Synthesis of alkyl-beta-aminovinyl Title ketones Pariodical : Inv. All SoSR. Otd. khim. neuk 1, 179-161, Jan-Feb 1955 Brief announcement is made on the development of a new method for the sym-Abstract thesis of alkyl-beta-aminovinyl ketones from beta-chlorvinyl ketones with a yield of 78 - 84% of the theoretical. This method makes alkyl-betaaminovinyl ketomes easily accessable compounds and makes it possible to use these ketones in organic synthesis. The physico-chemical properties of alkyl-heta-aminovinyl ketones are rescribed. Seven references: 1 USSR, 3 German, 2 French and 1 USA (1924-1953). Table. The M. V. Lomonosov State University, Koscow Institutions October 27, 1954 Submitted !

TERRETAROV, A.W.; KOCKETKOV, W.K.; RYBIESKAYA, M.I.; UDLOVA, W.V.

Certain reactions of alkyl-D-phonexyvinyl ketones. Inv.AM 2002.
Otd. hhim. nank no. & 1649-656 Jl-Ag 155. (MLRA 9:1)

1. Meskevskiy gesudarstvenyy universitet inemi M.V. Lonensesva. (Ketones)

KOCHETKOV, W.K.; RUDRYASHOV, L.I.; ERSHEYAHOV, A.W.

The reactions of alkyl-β-chlorovinyl ketones with othyl aceteacetate.

Isv.AH SSSE.Otd.khim.nauk me.5:809-816 8-0 '55. (MARA 9:1)

1. Meskevskiy gosudaret venny universitet inemi M.V.Lenemehova. (Ketemes) (Acetemestic sois)

AID P - 1370

Subject : USSR/Chemistry

Card 1/1

Pub. 119 - 3/6

Author

: Kochetkov, N. K., (Moscow)

Title

Chemistry of $oldsymbol{eta}$ -chlorovinyl ketones

Periodical

Usp. khim., 23, no. 1, 32-51, 1955

Abstract

The synthesis and chemical behavior of alkyl- -chlorovinyl ketones are described. Their use in the synthesis of aliphatic, alicyclic, and heterocyclic compounds is reviewed. A table illustrating the transformations of -chlorovinyl ketones is included. 42 references (28 Russian: 1894-1954).

Institution: None

Submitted

: No date

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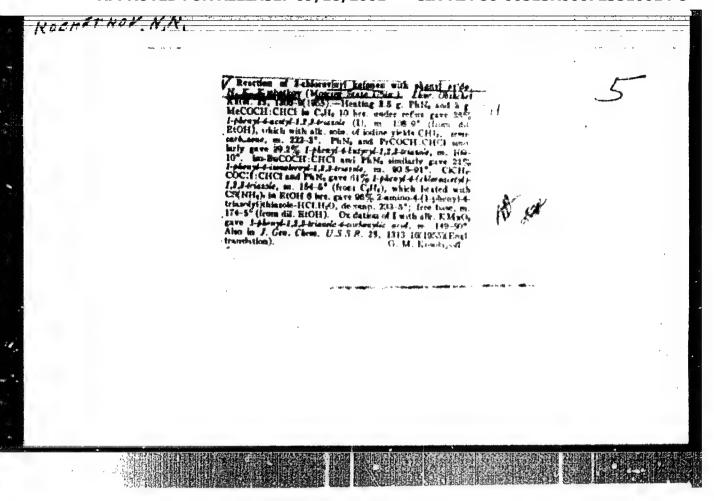
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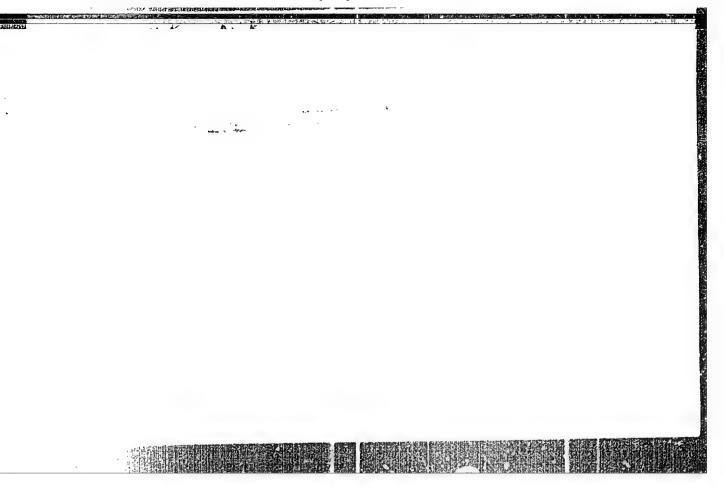
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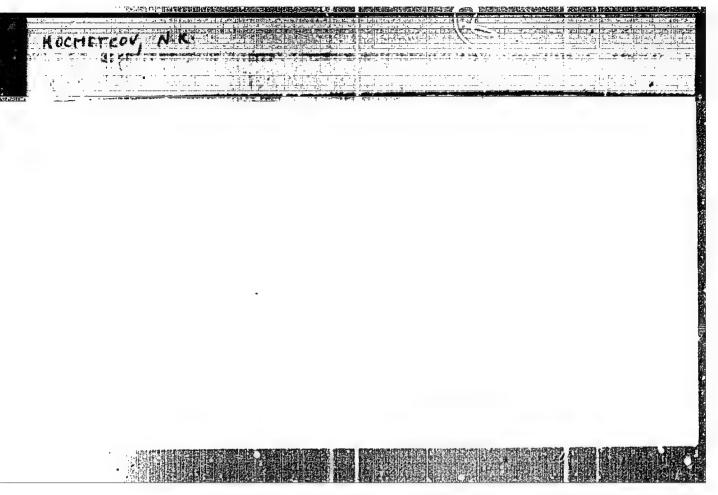


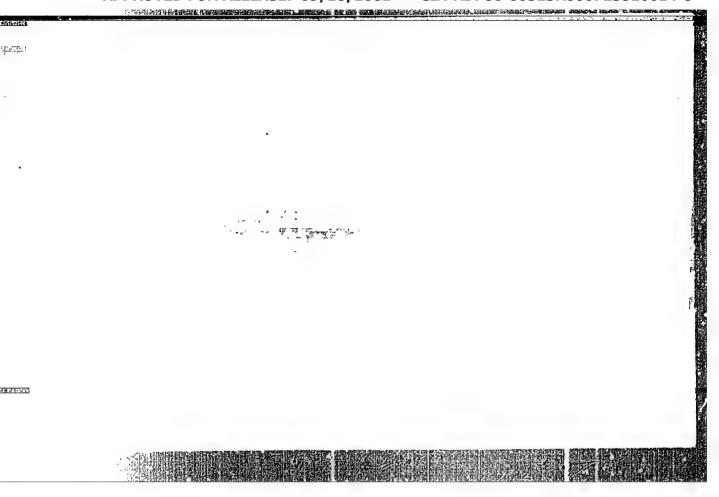
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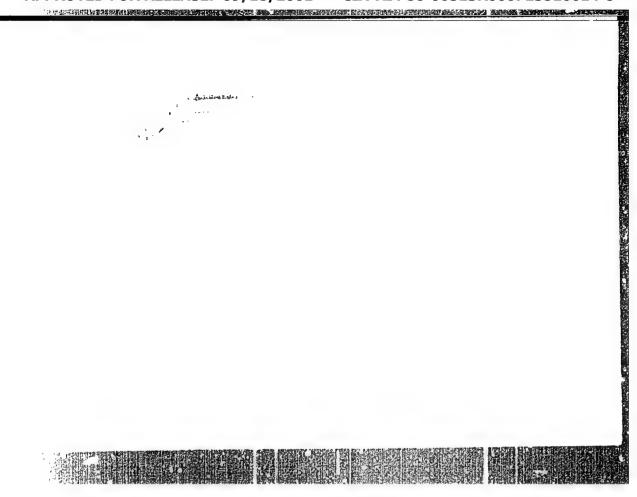
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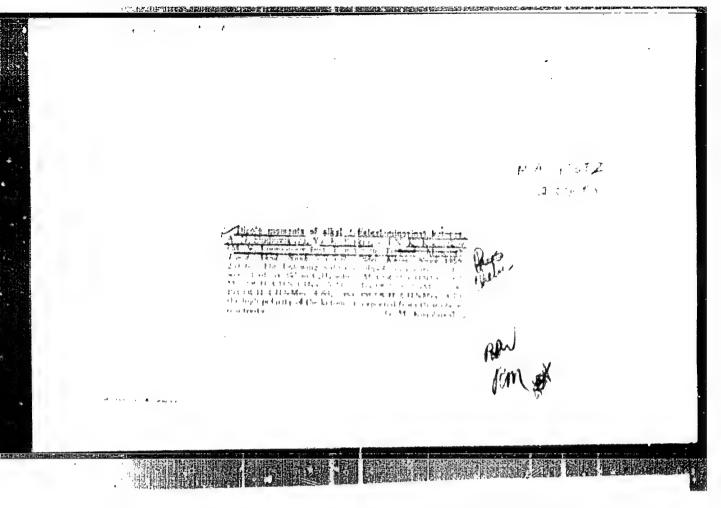


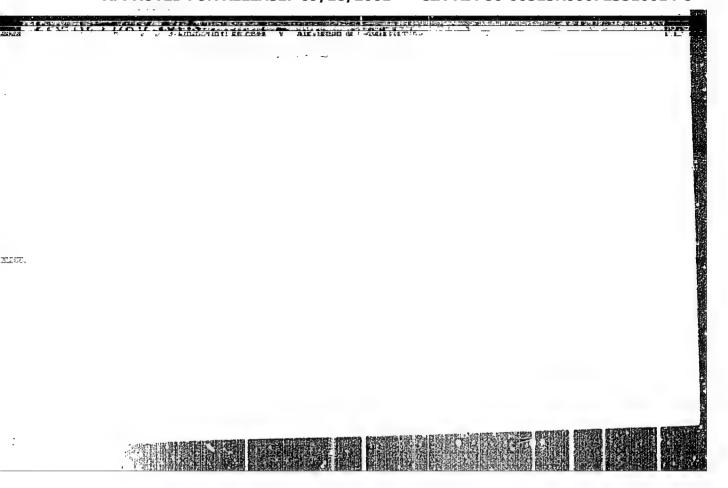


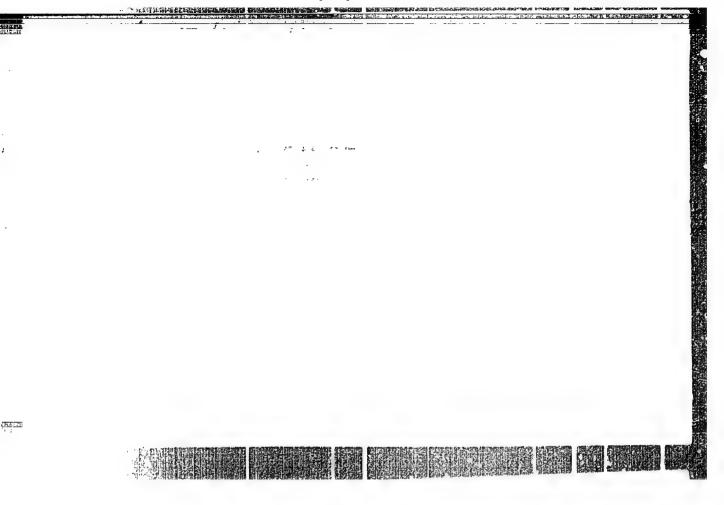


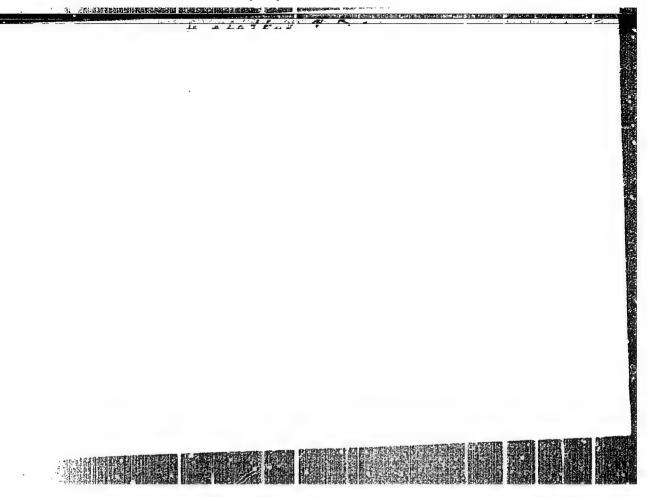


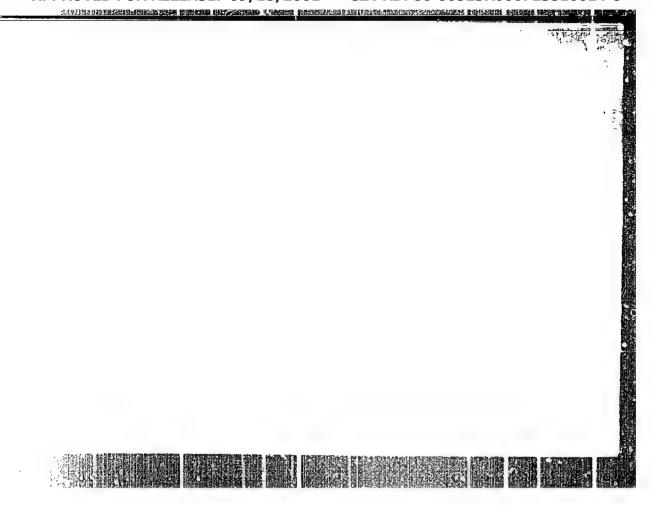
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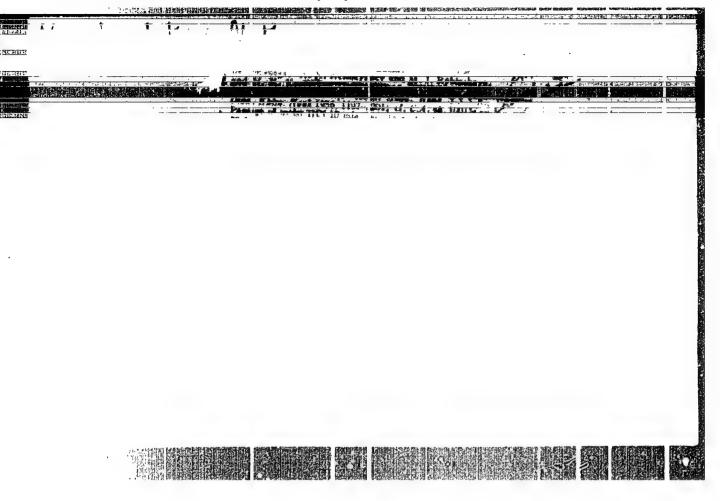












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EDCHEZEDY ... M. ... DOMOROVSKIY, Tamish; Hazhendya, A.V.; Severie, To.S.; Mesiciyahdy,

P-aminovisual ketenes. Part 4. Synthesis of ketenes of the pyridine series. Isv.AN SSER Old.khim.mank ne.2:172-176 F 156. (NIBA 9:7)

1. Heskevskiy gesudarstvennyy universitet imeni H.V. Lomeneseva. (Ketenes) (Pyridine)

ketones. Hew Synthesis on Cay

Orig Pub: Izv. AN SSSR, Otd. Whim. N., 1956, No 6, 676-680.

APPROVED FOR RELEASE: 19/18/200dr the control of the products of the reaction R (R-alkyl) and alkyl- \(\beta-\) dialkylaminointeraction R (R-alkyl) and alkyl- \(\beta-\) dialkylaminovinylketones. The reaction proceeds smoothly with
vinylketones to the products of the products of

Card 1 1/3

USSR/Organic Chemistry, Synthetic Organic Chemistry.

Abs Jour: Ref Zhur-Khimiya No 6, 1957, 19073.

ketones, yield in percent, boiling p. in °C/Em n²⁰D, d²⁰k):
C2H5COCH=CHH(CH3)2,56.k, 95.96/k 1.5400, 0.9533;
C3H11COCH=CHH(CH3)2, yield 86%, melting p. 90-91°
(from petr. ether). A solution of 11 g. n -C1 C4H4COCH-CHC1 in 15 de C4H5 on cooling and stirring, is added to 20 ce of a 30% aqueous solution of (CH3)2HH, stirred for an hour, yielding n -C1 C4H4COCH=CHC(CH3)2 82.4%,

E-2

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USSR/Organic Chemistry - Synthetic Organic Chemistry, E-2

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 848

Author: Kochetkow, Hanking Khorlin, A. Ya., and Karpeyskiy, M. Ya.

Institution: None

Title: Direct Synthesis of Aryl-O-chlorovinylketones

Original

Periodical: Zh. obshch. khimii, 1956, Vol 26, No 2, 595-598

Abstract: A convenient method is described for the synthesis of anyl-6-chloro-

A convenient method is described for the synthesis of aryl-p-chloro-vinylketones ArCOCH s CHCl (I), where Ar can be CcH₂ (a), n-CH₃CcH₄ /sic/ (b), n-ClCcH₄ (c), o-BrCcH₄ (d), n-HO₂CcH₄ (e) /Tr. Note: n-apparently is equivalent to p-/, by the direct reaction of ArCOCl with CpH₂ in the presence of AlCl₃ and ethylene chloride. To a solu-tion of 100 gas CcH₅COCl in 100 ml shtylene chloride cooled to sero degrees, 95 gas of anhydrous AlCl₃ are added with cooling and constant mixing (temperature 10°); next, C₂H₂ is passed through the mixture with vigorous stirring for 6-7 hours at 40-50°; the reaction mixture is then recovered over the and the operation laws accounted and dried

is then poured over ice, and the organic layer separated and dried

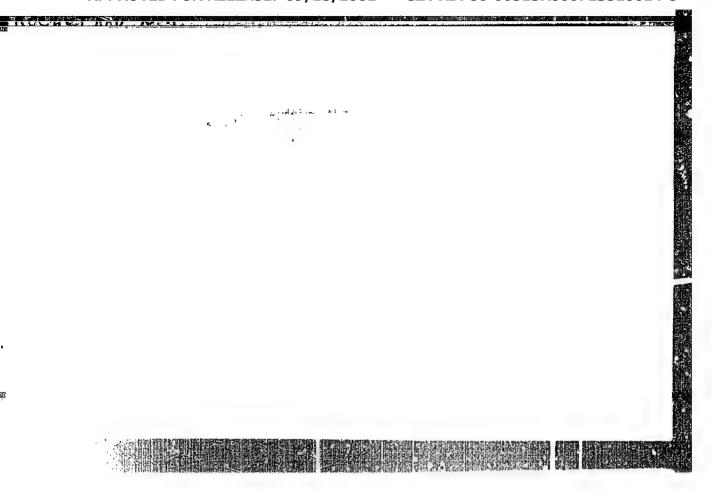
Card 1/2

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723

KOCHETKOV, M.K.1 KUDRYASHOV, L.I.

Interaction of β -chlorovinyl ketenes with β -dicarbonyl compounds. Part 2. Letovinylation of alkylmalonic esters. Shur.eb.thim. 26 no.3:851-856 Mr 156. (MLRA 9:8)

Institut farmakologii Akademii meditsinskikh mauk #662.
 (Malonic acid) (Ketones) (Vinylation)



KOCHETKOV, N.K.

USSR/Organic Chemistry - Synthetic Organic Chemistry

E-2

Abs Jour

: Referat Zhur - Khimiya, No 2, 1957, 4405

Author

Title

Kochetkov, N.K., Vorotnikova, L.A.
 On Synthesis of Phthalasines by Cyclization of Acylhydra.

somes of Aromatic Aldehydes

Orig Pub

: Zh. obshch. khimii, 1956, 26, No 4, 11k3-11k5

Abstract

: Treatment of anythydrazones of arountic aldehydes with HCl gas in iso-Cyll11Cll (1 hour at -- 1000 and 1 hour boiling) gives not lerivatives of phthalazine (PA) as was formerly believed (Approval J. et al., J. Chem. Soc., 1929, 1941, 1930, 2354) but the oxines (A) of the corresponding aldubydes. This is demonstrated in the case of acutyle and bensoyl hydrasones of veratric aldehyde (I and II) and benzoyl hydrazone of anisaldshydo. The vory close melting point values of PA and the corresponding A have contributed to the previous erroneous conclusions. Formation of A and not of PA in the

Card 1/2

- 64 -

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723510014-8"

USSR/Organic Chemistry. Synthetic Organic Chemistry.

5-5

Abs Jours Ref Zhur-Khimiye, No 6, 1957, 19132

Author 1 Kochetkov H. K., Didykins N. V.

Title : Synthesis of Substituted Bensylamines and M-bensyl-

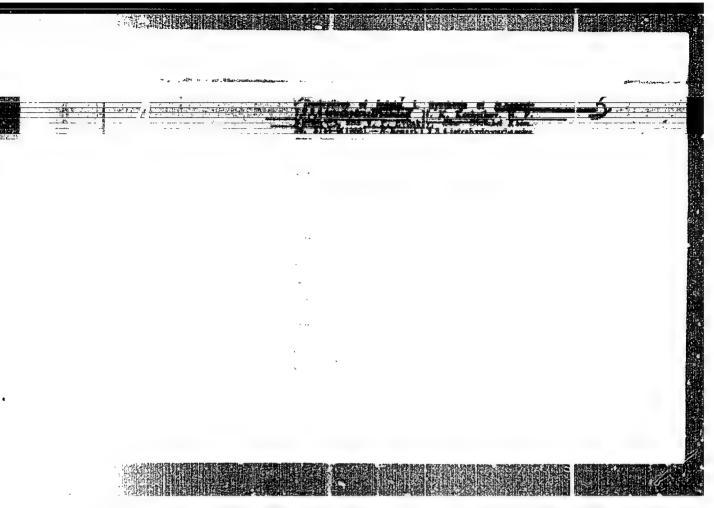
chloropropionamides.

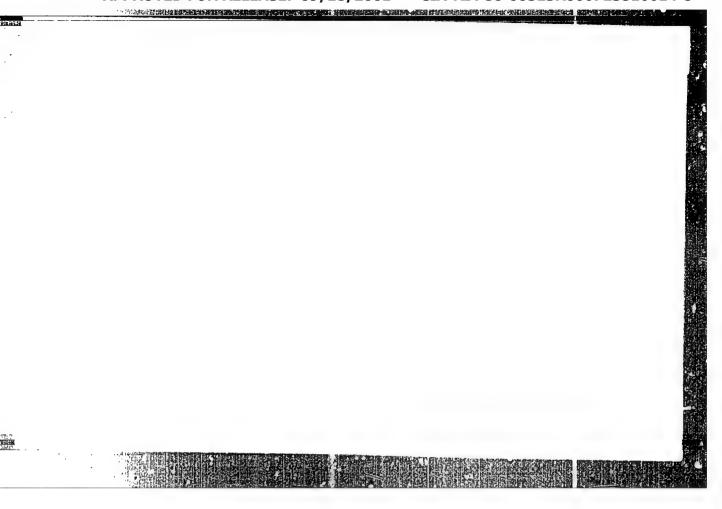
Orig Pub: Zh. obshoh. khimiyi, 1956, 26 No 9, 2612-2617

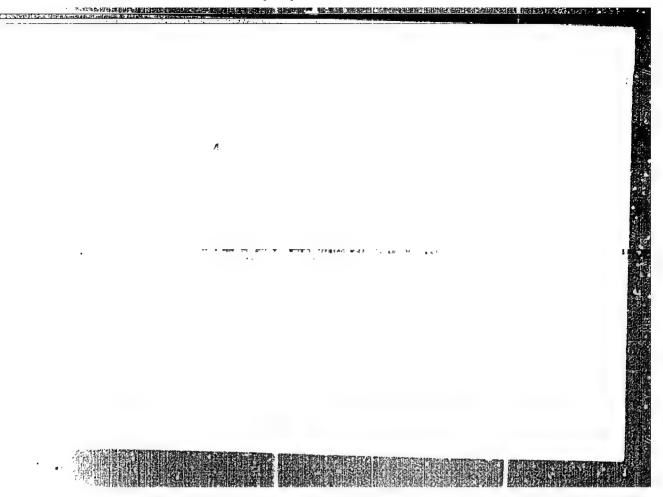
Abstract: With the purpose to determine the influence of a substitute in the nucleus of C6HgCHgHHg (I) on antispessotic activity (PA) RCH_HHCOCHgCHgCl (II) is synthesized; a general method of synthesis is worked out substituting I by wrotropine salts. To 12 s. of 3,4- (CH30)206H3CHgames (III) in 60 on water at 8-.00 are added in drops similtaneously 9.13 g. ClCHoCHoCOCl (IV) and 2.66 g. HaOH in 15 co water, the addition of HaOH is carried to a pH 8.0-8.5, stirred for 30-40 min. at ~ 20° and II

1 1/5 Card

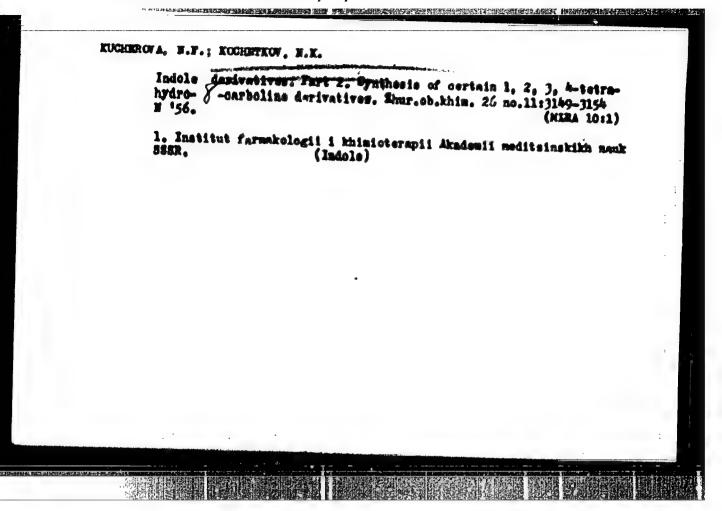
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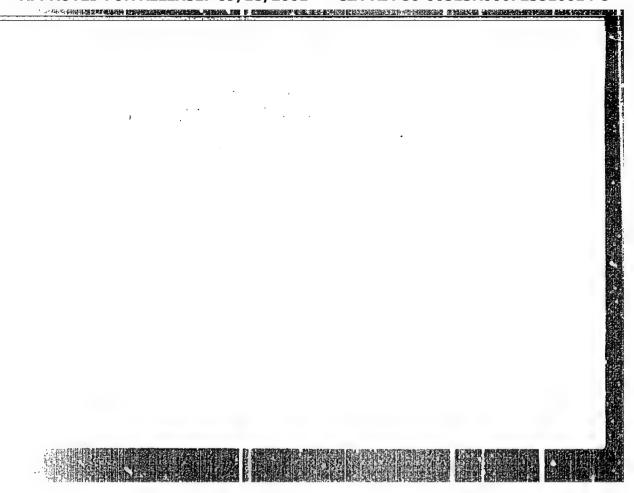


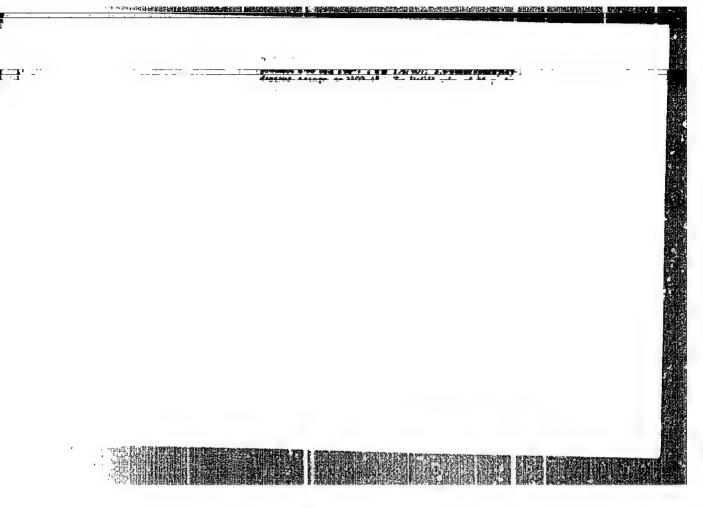




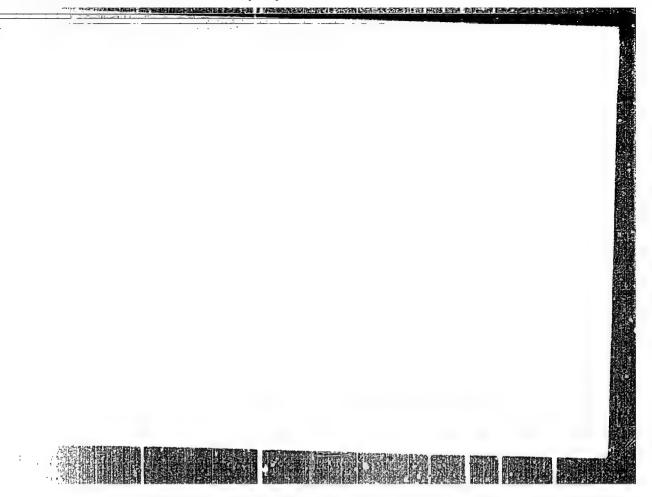
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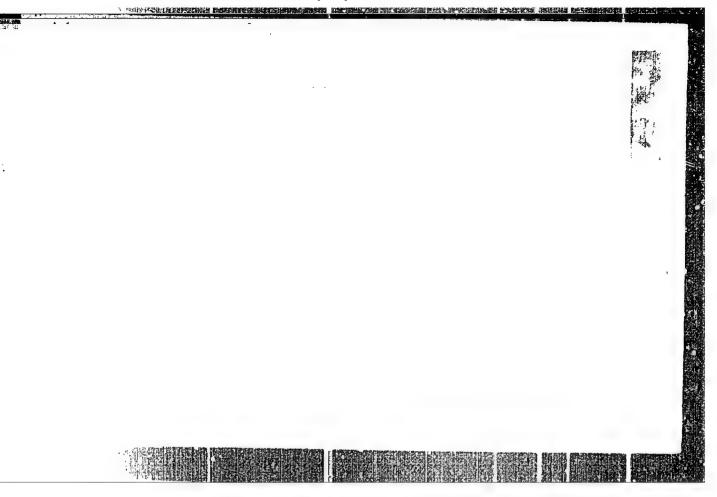


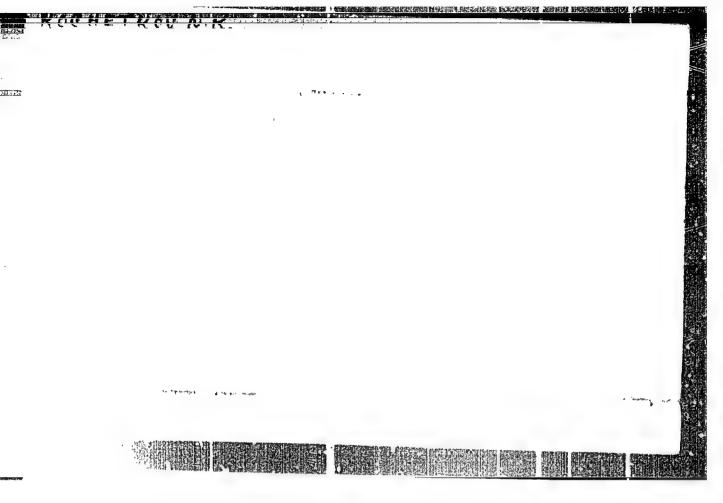


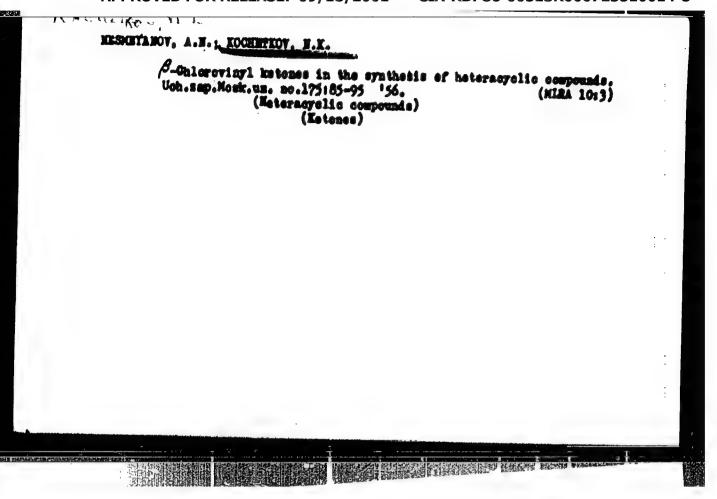


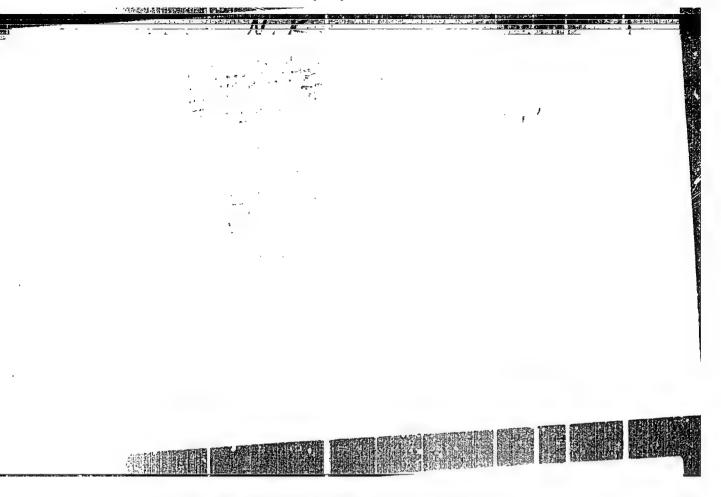
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KOCHETKOV, M.K., KHOMUTOVA, Ye.D.; MIKHAYLOVA, O.B.; NESPCEYANOV, A.H. Synthesis of arylpyraseles. Isv. AN SSSR Otd. khim. nauk no.10:1181-1185 0 157. (KINA 11:3) 1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova. (Pyrasele)

> CIA-RDP86-00513R000723510014-8" APPROVED FOR RELEASE: 09/18/2001

KLIMKO, V.T.; KHORLIK, A.Ta.; MIKHALKY, V.A.; SKOLDINOV, A.P.; KOCHETKOV, H.K. Koch + + Koy N.K.

\$ -aminovizyl ketones. Part 7: Reaction of \$\rho_ahlorovinyl ketones with tertiary amines. Shur. ob. thim. 27 no. 1162-65 Ja 157. MIRA 1016)

1. Institut farmekologii i khimioterapii Akademii meditsinskikh mauk (Animos) (Ketomes)

(Vinyl compounds)

LB6 APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723510014-8"

AUTHORS:

Kochetkov, N. K., and Kudryashov, L. I.

TITLE

Reaction of beta-Chlorovinyl Ketones with beta-Dicarbonyl Compounds. Part 3. Ketovinylation of Malonic Ester. New Synthesis of alpha-Pyrones (Vsaimodeystviye beta-khlorvinilketonov a betadikarbonil'nymi soyedineniyami. III. Ketovinilirovaniye malonovogo ofira. Novyy sintes alpha-pironov)

PERIODICAL:

Zhurnal Obsholmy Khimii, 1957, Vol. 27, No. 1, pp. 248-253 (U.S.S.R.)

ABSTRACT:

The ketovinylation reaction of malonic ester was considered of interest for the development of new or gamic synthesis methods for the aliphatic and the oxygen-containing heterocyclic series. A new method of synthesising beta-ketoelkenylmalonic esters of the RCOCH = CHCH(COOC2Hs) 2 type by the reaction of beta-chlorovinylketones with ethorymagnesiusmalonic esters, is described. Acetyl chloride which preserves the homogeneity of the medium during reaction was used as a condensation medium. Cyclisation in this case was realised simply by heating the ketoalkenylmalonic ester/ acetyl chloride mixture and the product (pyrone) obtained was purified by distillation. In this way, the authors obtained 6-methyl-, 6-ethyl- and 6-propyl-3-carboethoxy-alpha-pyrones

Card 1/2

L87

AUTHORS:

Kochetkov, N. K.; Kucherova, N. P.; Yevdakov, V. P.

TITLE:

Indole Derivatives, Part 3. Synthesis of 6-Oxy-1,2,3,4-Tetra-hydrogarbasole Derivatives (Proisvodnys Indola, III. Sintes proisvodnykh 6-oksi-12,3,4-tetragidrokarbasola)

PERIODICAL:

Zhurnal Obshchey Ehimii, 1957, Vol. 27, No. 1, pp. 253-257 (U.S.S.R.)

ABSTRACT:

In order to explain the effect of changes occurring in the nucleus of the molecule on the myotic activity of indole derivatives, the authors synthesized an eserine analogue of the tetrahydrocarbasole series, namely, methylurethan of 6-cmy-9-methyl-1,2,3,4-tetrahydrocarbasole. It is shown that the Tomlinson (2,3) method of synthesixing tetracarbasole derivatives by the condensation of aromatic mines with according to the presence of hydrochlaria acid is false and inapplicable. The products obtained by the Tomlinson method were found to be acyclic products of condensation, namely 2-arylamine-cyclohaxanones. It is pointed out that the condensation of arcmatic smines with oxycyclohexanone into terrahydrocarbasole derivatives can be realised provided the hydrochloric acid (used by Tomlinson) is substituted with phosphorus

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January 4, 1956

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Card 2/2

CIA-RDP86-00513R000723510014-8 "APPROVED FOR RELEASE: 09/18/2001 79-2-30/50 Kochetkov, N. K.; Khomutova, Ye. D.; Karpeyskiy, H. Ya.; Khorlin, A. Ya. Study of Isoxasole: Part 3. Synthesis of Arylisoxasoles (Issledovaniye AUTHOR S: v ryadu isoksasola. III. Sintes arilisoksasolov) Thurnal Chehohey Khimii, 1957, vol 27, No 2, pp. 452-457 (U.S.S.R.) TITLE It is shown that sryl-bets-chlorovinyl ketones react with hydrochloride hydroxylemine under the very seme conditions as their aliphatic analogues. PERIODICAL When both components are heated in methanol, they produce high yields of arylisoxasoles. The reaction of alkyl-beta-chlorovinyl ketones with ABSTRACT: bydroxylemine yields a mixture of alphae and game-lackers (5- and 3substituted iscommodes) with 50 - 60% of the alpha-form. The reaction with phenyl-bets-chlorovinyl ketone produces a mixture of alpha- and gas phenylisomasoles in approximately equal amounts. The alpha-isomer content in the phenylisomasole was 62-67%. Phenyl-beta-chlorovinyl ketones with substitutes in the arountic ring react smoothly with hydroxylamine, giving high yields of arylisomsoles. It is shown that the ratio of the alphas and games substituted isomasoles formed during the reaction of beta-substituted vinyl ketones RCOCH - CHE with hydroxylsmine depends Card 1/2

CIA-RDP86-00513R000723510014-8"

Kochetkov, N. K. and Vinogradova, V. N.

79-2-40/58

AUTHORS:

TITLE

Ketorinylation of Thiophenols (Ketovinilirovaniya tiofenolov)

PERIODICAL:

Zhurnal Obehchey Khimii, 1957, vol 27, No 2, pp. 460-464 (U.S.S.R.)

ABSTRACT:

This report is devoted to the study of the first reaction between betachlorovinyl ketones with thiophenols. A new method was developed for the synthesis of hitherto unknown aryl-bets-acylvinyl sulfides which are derived with high yields from the reaction of bets-ohlorovinyl ketones with rived with night yields from the reaction of deta-onloroviny, ketones with thiophenols in an alkali medium. It was established that during the ketovinylation of thiophenols, the actual reaction includes the sodium thiophenolate and is followed by nucleophilis substitution of the Cl atom thiophenolate and is followed by nucleophilis substitution of the Cl atom in the molecule of the beta-chlorovinyl ketone under the effect of the thiophenolate ion. A study of certain reactions of these compounds showed a close similarity to other beta-substituted vinyl ketones. The aryl-betaacylvinylsulfides RCOCH a CRSAr obtained as a result of the reaction are described as colorless solid bodies easily separated from the reaction mixture by conventional means. All the synthesised sulfides showed good

Card 1/2

storage stability.

CIA-RDP86-00513R000723510014-8" - APPROVED FOR RELEASE: 09/18/2001 Ketovinylation of Thiophenols.

There are 13 references, of which 10 are Slavio

ASSOCIATION:

Moscow State University

PRESENTED BY:

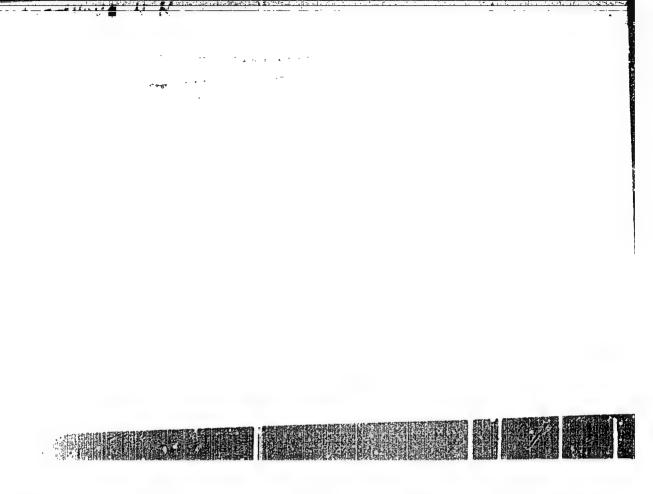
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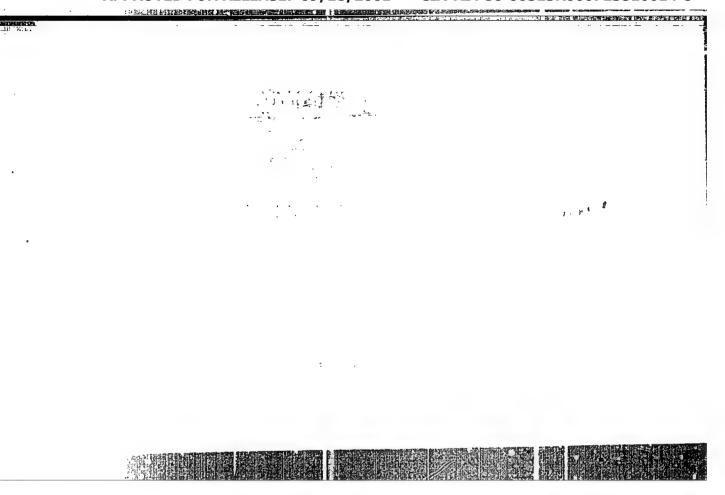
February 21, 1956

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KOCHETKOV, N. H.

AMENDARUK, A.P.; BUDOYSKIY, E.I.; GOTTIKH, B.P.; KARPETSKIY, M.Ta. KUDRYASHOV, L.1.; SKOLDINOV, A.P.; SMIRNOVA, H.V.; KHORLIN, A.Ya. KOCHNYKOV, H.K.

Dihydresardomycis and related compounds. Part.1. Shur.eb.khim. 27 no.5:1312-1318 My '57. (NLBA 10:6)

1.Institut farmkelegii i khimioterapii Akademii meditsinskikh mauk SSSR.

(Antibiotics)



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